

lead to the development and deployment of innovative biodefense assessments and solutions, including through—

(I) the accessing, monitoring, and evaluation of biological threats to reduce risk, including through analysis and prioritization of gaps and vulnerabilities across open-source and classified data;

(II) development of scientific and technical roadmaps—

(aa) to address gaps and vulnerabilities;

(bb) to inform analyses of technologies; and

(cc) to accelerate the application of unclassified research to classified applications; and

(III) demonstration activities to enable deployment, including—

(aa) threat signature development and validation;

(bb) automated anomaly detection using artificial intelligence and machine learning;

(cc) fate and transport dynamics for priority scenarios;

(dd) data curation, access, storage, and security at scale; and

(ee) risk assessment tools;

(I) provide access to scientific user facilities and collaboration facilities with advanced or unique equipment, services, materials, and other resources to perform research and testing;

(J) establish a short-term exchange program under the Program for National Laboratory staff and management to build connections and awareness across the National Laboratory system;

(K) support technology transfer and related activities; and

(L) promote access and development across the Federal Government and to United States industry, including startup companies, of early applications of the technologies, innovations, and expertise beneficial to the public that are derived from Program activities.

(4) STRENGTHENING INSTITUTIONAL RESEARCH AND PRIVATE PARTNERSHIPS.—

(A) IN GENERAL.—The working group shall, to the maximum extent practicable, promote cooperative research and development activities under the Program, including collaboration between appropriate industry and academic institutions to promote innovation and knowledge creation.

(B) ACCESSIBILITY OF INFORMATION.—The working group shall develop, maintain, and publicize information on scientific user facilities and capabilities supported by laboratories of the Department for combating biotechnology threats, which shall be accessible for use by individuals from academic institutions and industry.

(C) ACADEMIC PARTICIPATION.—The working group shall, to the maximum extent practicable—

(i) conduct outreach about internship opportunities relating to activities under the Program primarily to institutions of higher education and minority-serving institutions of higher education;

(ii) encourage the development of research collaborations between research-intensive universities and the institutions described in clause (i); and

(iii) provide traineeships at the institutions described in clause (i) to graduate students who pursue a masters or doctoral degree in an academic field relevant to research advanced under the Program.

(5) EVALUATION AND PLAN.—

(A) IN GENERAL.—Not less frequently than biennially, the Secretary shall—

(i) evaluate the activities carried out under the Program; and

(ii) develop a strategic research plan under the Program, which shall be made publicly available and submitted to the Committee on Energy and Natural Resources of the Sen-

ate and the Committee on Energy and Commerce of the House of Representatives.

(B) CLASSIFIED INFORMATION.—If the strategic research plan developed under subparagraph (A)(ii) contains classified information, the plan—

(i) shall be made publicly available and submitted to the committees of Congress described in subparagraph (A)(ii) in an unclassified format; and

(ii) may, as part of the submission to those committees of Congress only, include a classified annex containing any sensitive or classified information, as necessary.

(6) INTERAGENCY COLLABORATION.—The working group may collaborate with the Secretary of Homeland Security, the Secretary of Health and Human Services, the Secretary of Defense, the Secretary of Agriculture, the Director, and the heads of other appropriate Federal departments and agencies to advance biotechnology research and development under the Program.

(7) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to the Secretary to carry out this section, to remain available until expended—

(A) \$30,000,000 for fiscal year 2022;

(B) \$40,000,000 for fiscal year 2023;

(C) \$45,000,000 for fiscal year 2024; and

(D) \$50,000,000 for each of fiscal years 2025 and 2026.

**SA 2460.** Mr. LUJÁN (for himself, Mr. PADILLA, Mr. BOOKER, Mrs. FEINSTEIN, Mr. SCHATZ, Mr. BLUMENTHAL, and Mr. HEINRICH) submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

Strike section 60506 and insert the following:

**SEC. 60506. DIGITAL REDLINING.**

(a) STATEMENT OF POLICY.—It is the policy of the United States that, insofar as technically feasible—

(1) subscribers should benefit from equal access to broadband internet access service within the service area of a provider of such service;

(2) the term “equal access”, for purposes of this section, means the equal opportunity to subscribe to an offered service that provides comparable speeds, capacities, latency, and other quality of service metrics in a given area, for comparable terms and conditions; and

(3) the Commission should take steps to ensure that all people of the United States benefit from equal access to broadband internet access service.

(b) ADOPTION OF RULES.—Not later than 2 years after the date of enactment of this Act, the Commission shall adopt final rules to promote equal access to broadband internet access service, including— taking into account the issue of technical feasibility presented by that objective, including—

(1) identifying what constitutes digital redlining;

(2) identifying necessary steps for the Commissions to take to eliminate digital redlining; and

(3) preventing discrimination of access based on income level, race, ethnicity, color, religion, or national origin.

(c) FEDERAL POLICIES.—The Commission and the Attorney General shall ensure that Federal policies promote equal access to robust broadband internet access service by prohibiting deployment discrimination based on—

(1) the income level of an area;

(2) the predominant race or ethnicity composition of an area; or

(3) other factors the Commission determines to be relevant based on the findings in the record developed from the rulemaking under subsection (b).

(d) MODEL STATE AND LOCAL POLICIES.—The Commission shall develop model policies and best practices that can be adopted by States and localities to ensure that broadband internet access service providers do not engage in digital redlining.

(e) COMPLAINTS.—

(1) IN GENERAL.—The Commission shall revise its public complaint process to accept complaints from consumers or other members of the public that relate to digital redlining.

(2) REPORTS.—The Commission shall publish an annual report regarding complaints that the Commission has received under paragraph (1) that identifies—

(A) each provider of broadband internet access service that have been the subject of a complaint;

(B) the status of each complaint; and

(C) any action taken by the Commission in response to a complaint.

**SA 2461.** Mr. MARSHALL (for himself and Mr. COTTON) submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle B of title I of division D add the following:

**SEC. 40128. FRAUD AND RELATED ACTIVITY IN CONNECTION WITH CRITICAL INFRASTRUCTURE.**

Section 1030(c) of title 18, United States Code, is amended—

(1) in paragraph (4)(G)(ii), by striking the period at the end and inserting “; or”; and

(2) by inserting after paragraph (4) the following:

“(5) a fine under this title and imprisonment for not less than 30 years or for life, in the case of an offense that involves critical infrastructure (as defined in subsection (e) of the Critical Infrastructures Protection Act of 2001 (42 U.S.C. 5195c(e)))”.

**SA 2462.** Mr. MARKEY (for himself, Mrs. GILLIBRAND, Mr. PADILLA, Mr. BLUMENTHAL, Mr. VAN HOLLEN, and Mr. MERKLEY) submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

At the end, add the following:

# **DIVISION —IMPLEMENTATION**

## **SEC. 00001. IMPLEMENTATION.**

Each Federal agency implementing a provision of this Act or an amendment made by this Act (including any provision of any division of this Act or an amendment made by any division of this Act) shall implement the provision or amendment—

(1) in a manner consistent with the best available scientific assessments of global climate change; and

(2) to achieve appropriate greenhouse gas emission reductions.

**SA 2463.** Mr. MARKEY (for himself, Mrs. GILLIBRAND, Mr. PADILLA, Mr. BLUMENTHAL, Mr. VAN HOLLEN, and Mr. MERKLEY) submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

At the end, at the following:

# **DIVISION —REQUIRED REPORT**

## **SEC. 00001. REPORT.**

Not later than 18 months after the date of enactment of this Act, the Chair of the Council on Environmental Quality, in consultation with the Federal agencies carrying out the provisions of this Act or an amendment made by this Act (including any provision of any division of this Act or an amendment made by any division of this Act) and the head of any other relevant Federal agency (as determined by the President), shall submit to Congress a report that describes—

(1) the actual and estimated climate and economic benefits of full implementation of this Act or an amendment made by this Act (including any provision of any division of this Act or an amendment made by any division of this Act);

(2) how implementation of, and funding provided under, this Act or an amendment made by this Act (including any provision of any division of this Act or an amendment made by any division of this Act) will help the United States reach the climate goals of the United States; and

(3) any gaps in the Federal regulatory framework and funding programs in existence on the date of enactment of this Act that need to be modified to put the United States on a pathway to achieve net-zero emissions of greenhouse gases by not later than 2050.

**SA 2464.** Mr. PETERS (for himself, Mr. ROUNDS, Mr. PORTMAN, and Mr. WARNER) submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

In section 40121(b)(1) of subtitle B of title I of division D, in the matter preceding sub-

paragraph (A), strike “consultation with the Secretary of Homeland Security and” and insert “coordination with the Secretary of Homeland Security and in consultation with”.

In section 40121(c) of subtitle B of title I of division D, in the matter preceding paragraph (1), strike “consultation with the Secretary of Homeland Security and” and insert “coordination with the Secretary of Homeland Security and in consultation with”.

In section 40122(b) of subtitle B of title I of division D, strike “consultation with the Secretary of Homeland Security and” and insert “coordination with the Secretary of Homeland Security and in consultation with”.

In section 40122(c) of subtitle B of title I of division D, in the matter preceding paragraph (1), strike “consultation with the Secretary of Homeland Security and” and insert “coordination with the Secretary of Homeland Security and in consultation with”.

In section 40124(b) of subtitle B of title I of division D, strike “consultation with the Secretary of Homeland Security,” and insert “coordination with the Secretary of Homeland Security and in consultation with”.

In section 40125(b)(1) of subtitle B of title I of division D, in the matter preceding subparagraph (A), strike “consultation with the Secretary of Homeland Security and” and insert “coordination with the Secretary of Homeland Security and in consultation with”.

In section 40125(d)(1) of subtitle B of title I of division D, in the matter preceding subparagraph (A), strike “consultation” and insert “coordination”.

**SA 2465.** Mr. CARDIN submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle B of title I of division A, add the following:

## **SEC. 11207. NATIONAL GOALS AND PERFORMANCE MEASURES.**

(a) IN GENERAL.—Section 150 of title 23, United States Code, is amended—

(1) in subsection (b)—

(A) in paragraph (1), by inserting “or elimination” after “significant reduction”;

(B) by redesignating paragraph (7) as paragraph (8); and

(C) by inserting after paragraph (6) the following:

“(7) COMBATING CLIMATE CHANGE.—To reduce carbon dioxide and other greenhouse gas emissions and reduce the climate impacts of the transportation system.”;

(2) in subsection (c)—

(A) in paragraph (1), by striking “Not later than 18 months after the date of enactment of the MAP-21, the Secretary” and inserting “The Secretary”; and

(B) by adding at the end the following:

“(7) CARBON REDUCTION PROGRAM.—For the purposes of carrying out section 175, the Secretary shall establish, in consultation with the Administrator of the Environmental Protection Agency, measures for States to use to assess—

“(A) carbon dioxide emissions per capita on public roads;

“(B) carbon dioxide emissions using different parameters than described in subpara-

graph (A) that the Secretary determines to be appropriate; and

“(C) any other greenhouse gas emissions on public roads that the Secretary determines to be appropriate.”;

(3) in subsection (d)—

(A) in paragraph (1)—

(i) by striking “Not later than 1 year after the Secretary has promulgated the final rulemaking under subsection (c), each” and inserting “Each”; and

(ii) by striking “and (6)” and inserting “(6), and (7)”; and

(B) by adding at the end the following:

“(3) IMPROVING TARGETS.—

“(A) IN GENERAL.—A State shall establish an improving target for the measures described under paragraph (7) of subsection (c).

“(B) IMPROVING TARGET DEFINED.—In this paragraph, the term ‘improving target’ means a target that represents an improvement over baseline conditions for a particular measure.

“(4) PERFORMANCE TARGET ACHIEVEMENT.—In the case of a State that fails to make significant progress toward meeting the targets established under subsection (c)(7), the Secretary shall limit the ability of that State to apply the authority under section 126 with respect to funds apportioned under section 104(b)(7).”;

(4) in subsection (e), in the matter preceding paragraph (1)—

(A) by striking “Not later than 4 years after the date of enactment of the MAP-21 and biennially thereafter, a” and inserting “A”; and

(B) by inserting “biennial” after “the Secretary a”; and

(5) by adding at the end the following:

“(f) SAVINGS CLAUSE.—The requirement under subsection (d)(3) shall apply to States beginning on the date that is 1 year before the subsequent State target and reporting deadlines related to safety performance management established pursuant to this section.”.

**SA 2466.** Mr. CRUZ submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

Strike section 80603.

**SA 2467.** Mr. CRUZ submitted an amendment intended to be proposed to amendment SA 2137 proposed by Mr. SCHUMER (for Ms. SINEMA (for herself, Mr. PORTMAN, Mr. MANCHIN, Mr. CASSIDY, Mrs. SHAHEEN, Ms. COLLINS, Mr. TESTER, Ms. MURKOWSKI, Mr. WARNER, and Mr. ROMNEY)) to the bill H.R. 3684, to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes; which was ordered to lie on the table; as follows:

At the end of division I, add the following: